



DMF Water Sampling 2022 - Wilmington, North Carolina.

ABOUT OUR AGENCY

The NC Department of Environmental Quality (DEQ) is the lead stewardship agency for the protection of North Carolina's environmental resources. The organization, administers regulatory programs designed to protect air quality, water quality, and the public's health, and also works to advance an all-of-the-above energy strategy that fits North Carolina's needs. DEQ also offers technical assistance to businesses, farmers, local governments, and the public and encourages responsible behavior with respect to the environment through education programs provided at DEQ facilities and through the state's school system. As new technologies, processes or industry operations are proposed to be implemented in North Carolina, DEQ regulatory agencies may be requested to examine the collective impact of such projects on the environment and surrounding communities.

ABOUT THE DIVISION

The North Carolina Division of Marine Fisheries (DMF) is responsible for the stewardship of the state's marine and estuarine resources. The division's jurisdiction encompasses all coastal waters and extends to 3 miles offshore. Agency policies are established by the 9-member Marine Fisheries Commission and the Secretary of the Department of Environmental Quality. North Carolina is a member of the Atlantic States Marine Fisheries Commission, the Mid-Atlantic Fishery Management Council and the South Atlantic Fishery Management Council.

The program will run approximately 10 weeks starting on or around May 16, 2022.

Read more about our agency here: <https://deq.nc.gov/>

JOB DESCRIPTION

This project includes the collection of water samples at southern coastal recreation sites (Wilmington based) as part of the NC Recreational Water Quality Program. Methods used for processing include fluorogenic substrate technology (IDEXX) for enumerating Enterococci bacteria. This project will introduce the importance of aseptic techniques used within a laboratory setting to ensure the viability and quality assurance of sampling processing.

MAJOR DUTIES

- Collecting water samples on foot from beaches using a sampling apparatus and the processing/analyzing of samples collected in the Division laboratory.
- Monitors coastal waters and advising public when water quality exceeds safe criteria.
- Educating the public during sampling activities on the recreational water quality program as needed.

POSITION QUALIFICATIONS:

- Applicants must be at least 18 years' old
- 2.0 Major GPA
- Graduation date of May/December 2022, rising Junior or senior, or graduate student.
- Currently enrolled in undergraduate or graduate program.
- Desired Majors: Environmental Health, Biological/Natural Resources Sciences & Environmental Engineering.

MANAGEMENT DESIRED QUALIFICATIONS

- Driver's License required.
- Biology laboratory experience will be helpful, but not necessary.
- Ability to walk long distances through rough terrain.

SPECIAL NOTES

- Housing & Travel allowance is not provided
- Summer hourly rate is \$15.00
- Pay cycle is bi-weekly
- Summer opportunity will be approximately 10 weeks
- Summer opportunity will work up to 40 hours each week

APPLICATION INSTRUCTIONS

- Send resume and cover letter to DEQInternships@ncdenr.gov with **Subject Line: DMF Water Sampling Application**
- **Application deadline of 4/18/2022 5PM (or may remain open until we have suitable applicant pool)**

Important Dates:

- **4/18/22 – Application Deadline (or may remain open until we have a suitable applicant pool)**
- **4/19/22 – Resumes will be forward to Hiring Managers**
- **4/20/22 – 4/27/22 – Interviews (schedules permitting)**
- **5/16/22 – 7/22/22 – STEP Assignment Dates (approximate start/ end dates, flexible)**

QUESTIONS? Please contact NC Department of Environmental Quality, HR

DEQInternships@ncdenr.gov